

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,148,584 B2
APPLICATION NO. : 10/649019
DATED : December 12, 2006
INVENTOR(S) : Toshimasa Shibagaki et al.

Page 1 of 1

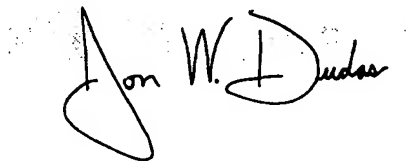
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5

Line 29, delete "at" and insert therefor -- Δ t --.

Signed and Sealed this

Twenty-ninth Day of May, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office